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State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Water Rights

KENT L. JONES
State Engineer/Division Director

July 7, 2011

Carolyn Moon
PO Box 171
Duchesne, UT 84021

Dear Carolyn:

I appreciate the time you took to submit your letter asking for an audit of the AF units billed under the Alton Moon/Moon Land & Livestock account. I took some time to research the water rights associated with Orven Moon and Moon Land & Livestock, I have attached summary printouts and maps from this research, mainly for your information. From my research on the accounts & associated water rights, I made some account adjustments as described below.

For the group of water rights: 43- 320,-321,-217 and -241, all combined, are limited to irrigation requirement of 81.10 acres. Using a Duty of: 4 AF/Acre, $4 \times 81.1 \text{ Acres} = 324.4 \text{ Acre Feet}$. I therefore first adjusted the Acre Feet units from 681 to 324.4 (Units = AF) that all appear to be combined under your Water Rights from Wolf Creek.

After I made this adjustment I researched WR# 43-323, under Orven Moon related to the West Fork of the Duchesne River which added 73.2 acres, ($4 \times 73.2 \text{ acres} = 292.8 \text{ Acre Feet}$.) I then made a second adjustment to reflect this additional acreage. The total now the shown on your account is $292.8 + 324.4 = 617.2 \text{ AF Units}$. Overall these two actions resulted reduction of 63.8 units and an acct adjustment decrease of about \$15.90, that is now reflected on the invoice attached to this letter.

Note: The initial confusion with the WR 43-1217 which shares (or is very close to) the 43-320 Point of Diversion and overlaps the place of use as shown on the Mapping. Therefore the 43-1217 water right initially associated with your account has been removed, since it belongs to Ethan J. Jeremy as you graciously pointed out. I updated the Moon WR listings on your account as discussed previously.

I will be discussing with the Water Commissioner results of this research to make sure he is informed. I hope I have addressed and properly accounted for your water rights and the Distribution accounting is now correct. There have been no changes to your water rights, only the amount assessed for the Distribution Units, these fees are used in part for the water commissioners salary. If you have any other insight, feel free to contact me at 801 538-7430.

Sincerely,

Mike Silva
Distribution Engineer

Cc: John Swasey, Duchesne Water Commissioner
Enclosures

